

PCT

**NOTIFICATION OF THE RECORDING
OF A CHANGE**

(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

FORSSEN & SALOMAA OY
Yrjönkatu 30
FIN-00100 Helsinki
FINLANDE

Date of mailing (day/month/year)

01 November 2001 (01.11.01)

Applicant's or agent's file reference

P1356PC

IMPORTANT NOTIFICATION

International application No.

PCT/SE00/00826

International filing date (day/month/year)

02 May 2000 (02.05.00)

1. The following indications appeared on record concerning:

☐

the applicant

☐

the inventor

☒

the agent

☐

the common representative

Name and Address

LUNDQUIST, Lars-Olof
L-O Lundquist Patentbyrå AB
Box 80
S-651 03 Karlstad
Sweden

State of Nationality

State of Residence

Telephone No.

054-15 71 77

Facsimile No.

054-18 99 58

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒

the person

☐

the name

☐

the address

☐

the nationality

☐

the residence

Name and Address

FORSSEN & SALOMAA OY
Yrjönkatu 30
FIN-00100 Helsinki
Finland

State of Nationality

State of Residence

Telephone No.

358-9-615 3500

Facsimile No.

358-9-615 3511

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

☒

the receiving Office

☐

the International Searching Authority

☐

the International Preliminary Examining Authority

☐

the designated Offices concerned

☒

the elected Offices concerned

☒

other: LUNDQUIST, Lars-Olof

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Beate GIFFO-SCHMITT

Telephone No.: (41-22) 338.83.38

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P1356PC	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/SE00/00826	International filing date (day/month/year) 02.05.2000	Priority date (day/month/year) 14.05.1999
International Patent Classification (IPC) or national classification and IPC ₇ D 21 F 3/00		
Applicant Valmet-Karlstad AB et al		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 06.11.2000	Date of completion of this report 09.08.2001
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. 08-667 72 88	Authorized officer Mattias Arvidsson/ELY Telephone No. 08-782 25 00

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SE00/00826

I. Basis of the report

1. With regard to the **elements** of the international application:*

- ☒ the international application as originally filed
- ☐ the description:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the claims:
 pages _____, as originally filed
 pages _____, as amended (together with any statement) under article 19
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the drawings:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/ or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheet/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2 (c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SE00/00826

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>1-23</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-23</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-23</u>	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

The documents cited in The International Search Report represent the prior art. The claimed invention, as stated in claims 1-23, is not considered to be anticipated by these documents. None of the documents or any relevant combination of them reveal a method or machine for manufacturing printing-paper or paperboard, as described by these claims.

Thus, the invention according to claims 1-23 is novel, considered to involve an inventive step, and have industrial applicability.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 00/00826

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21F 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4561939 A (EDGAR J.JUSTUS), 31 December 1985 (31.12.85), figure 1, claim 1, abstract --	1-23
A	EP 0487483 A1 (VALMET PAPER MACHINERY INC.), 27 May 1992 (27.05.92), figures 1-4, claims 1-3,5, 8,9, abstract --	1-23
A	WO 8706634 A1 (BELOIT CORPORATION), 5 November 1987 (05.11.87), figures 1-4, claim 1, abstract --	1-23
A	US 5639351 A (ANTTI ILMARINEN), 17 June 1997 (17.06.97), claims 1-6, abstract --	1-23

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 Sept 2000

Date of mailing of the international search report

20 -09- 2000

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Mattias Arvidsson/MP
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/08/00

International application No.
PCT/SE 00/00826

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4561939 A	31/12/85	BR 8501268 A CA 1238218 A DE 3566817 D EP 0159280 A,B SE 0159280 T3 ES 541529 A ES 8607449 A FI 84194 B FI 850627 A IN 161969 A JP 1010636 B JP 60215893 A KR 8701626 B PH 21616 A	19/11/85 21/06/88 00/00/00 23/10/85 01/06/86 01/11/86 15/07/91 27/09/85 05/03/88 22/02/89 29/10/85 17/09/87 11/12/87
EP 0487483 A1	27/05/92	SE 0487483 T3 AT 168423 T CA 2055927 A,C DE 69129788 D,T EP 0770727 A FI 96789 B,C FI 905798 A FI 916094 A US 5389205 A US 5611893 A	15/08/98 24/05/92 19/11/98 02/05/97 15/05/96 24/05/92 24/05/92 14/02/95 18/03/97
WO 8706634 A1	05/11/87	BR 8607142 A CA 1294472 A EP 0267186 A,B SE 0267186 T3 FI 92081 B,C FI 875715 A JP 3020517 B JP 63501433 T KR 9309275 B US 4704192 A	19/04/88 21/01/92 18/05/88 15/06/94 28/12/87 19/03/91 02/06/88 25/09/93 03/11/87

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/08/00

International application No.
PCT/SE 00/00826

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
US	5639351	A	17/06/97	AT 192801 T	15/05/00
				CA 2086061 A	24/06/93
				DE 9219194 U	07/10/99
				DE 69231040 D	00/00/00
				EP 0549553 A	30/06/93
				EP 0718434 A,B	26/06/96
				SE 0718434 T3	
				EP 0799932 A	08/10/97
				FI 98844 B,C	15/05/97
				FI 916100 A	24/06/93
				FI 970989 A	10/03/97
				IT MI990751 V	15/12/99
				US 5522959 A	04/06/96